

## ABSTRACT OF THE DISCLOSURE

A method for manufacturing multiple channel membranes includes extruding a polymer solution through an extrusion nozzle wherein several needles are arranged through which a gas or liquid containing a coagulating agent is injected during extrusion, wherein the outer side of the extruded material is first brought into contact with a mild coagulation agent and subsequently with a strong coagulation agent. By using the method a membrane is obtained having parallel channels extending in extrusion direction, in which an active layer is situated in the channels, whereas the outer surface with respect to the active layer has no or hardly any resistance to flows of liquid. By using the method it is possible to make shapes, such as recessed portions, in the membrane circumference. Also disclosed is the use of such membranes in filtration and separation techniques.

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